

COUNTY BOROUGH OF WARRINGTON.

---

# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

ON THE

SANITARY CONDITION OF WARRINGTON  
DURING THE YEAR 1939.

---

STUART F. ALLISON,  
M.B., Ch.B., D.P.H.

Medical Officer of Health, School Medical Officer, Tuberculosis Officer,  
and Medical Superintendent of Corporation Hospitals,  
Sanatorium and Maternity Home.




WARRINGTON:  
MACKIE & CO., LTD., THE GUARDIAN PRESS.

67A

(12 IN) 188  
D 846 Part  
97 62 R648





Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30235078>

# County Borough of Warrington

## 1939.

### HEALTH COMMITTEE.

#### Mayor:

ALDERMAN WILLIAM ROBERTS.

#### Chairman:

ALDERMAN DAVID PLINSTON, J.P.

#### Deputy-Chairman:

ALDERMAN FRANK STRINGER, J.P.

ALDERMAN BROADHURST, J.P.	COUNCILLOR HARDMAN
„ ROBERTS	„ LONGSHAW
COUNCILLOR W. G. CALDWELL	„ SMITH
„ CHALLINOR	„ STARKEY, J.P.
„ DONE	„ TAYLOR
„ GRAY	„ WIGGINTON

#### Maternity and Child Welfare Committee.

All the members of the Health Committee, together with the following Co-opted Members:—

MRS. HAZELDINE.  
MISS CLARKE.  
MRS. UNSWORTH

#### Blind Persons Act Sub-Committee.

All the members of the Health Committee, together with the following Co-opted Members:—

MR. REX FURNESS  
„ A. E. LEDGER  
„ J. McARTHUR  
ALDERMAN MARSHALL  
MR. WARBURTON.  
„ J. MYTTON.

#### Boarding Out Committee:

(Sect. 98 Public Assistance Order, 1930).

All the Members of the Maternity and Child Welfare Committee, together with Mrs. Starkey and Mrs. Williams.

#### Town Clerk:

W. E. E. LOCKLEY, Esq.

## PUBLIC HEALTH STAFF.

Office Held	Name.	Qualifications.	Other Offices Held.
<i>(a) Medical.</i>			
Medical Officer of Health	Stuart F. Allison	M.B., Ch.B., D.P.H.	School Medical Officer, Tuberculosis Officer, Maternity and Child Welfare Officer, Medical Superintendent of Corporation Hospitals.
Asst. Medical Officer of Health	C. A. Paulusz	L.R.C.P., L.R.C.S. (Edin.), L.R.F.P.&S. (Glas.), L.M.R.C.P.I., D.P.H.	Assistant School Medical Officer
" " "	Miss M. I. Porteous	M.B., Ch.B., D.P.H.	Assistant Maternity and Child Welfare Officer.
" " "	J. A. Delmege, O.B.E.	M.R.C.S., L.R.C.P., D.P.H.	Assistant Tuberculosis Officer.
Male Resident Medical Officer (Borough General Hospital)	M. Haydon Baille	M.R.C.S., L.R.C.P. (Eng.)	
Female Resident Medical Officer (Borough General Hospital)	Winifred M. Doran	L.R.C.P. & L.R.C.S. (Edin.), L.R.F.P.&S. (Glasgow)	
Male Resident M.O. ... Venereal Diseases Officer	James Stuart Young	M.B., B.Ch.	
School Dental Officer	Ellis Pigott	M.B., Ch.B.	Part time.
" " "	Wm. C. Parr	L.D.S.	
" " "	Miss I. M. Candon	L.D.S.	
Dental Officer (Borough General Hospital)	J. Ellis	L.D.S.	Part time.
Throat and Nose Surgeon	George E. Archer	M.B., Ch.B., F.R.C.S.	Part time.
Radiologist	John A. Ross	M.R.C.S., (Eng.)	Part time.
Ophthalmic Surgeon	O. M. Duthie	M.D., Ch.B.	Part time.
Orthopædic Surgeon	Harman Taylor	M.B., Ch.B.	Part time.
Obstetric Surgeon (Cæsarian operations)	Vacant.		
Public Vaccinator (1)	Dr. Sinclair	M.B., Ch.B.	Part time.
Public Vaccinator (2)	Dr. W. E. Bowden	M.B., Ch.B.	Part time.
Pathologist	H. A. Mitchell	M.D.	Part time.
<i>(b) Others.</i>			
Veterinary Surgeon (1)	H. H. Ferguson	M.R.C.V.S.	Part time.
Veterinary Surgeon (2)	C. T. Trevers	M.R.C.V.S.	Part time.
Public Analyst	J. G. Sherratt	B.Sc., F.I.C.	Analyst under the Fertilizer and Feeding Stuffs Act.
Sanitary Inspector	W. T. Flood (Chief)	Cert. of R. San. Inst.	Inspector of Food and Drugs. Inspector of Contagious Diseases of Animals. Inspector of Canal Boats. Inspector of Shops Acts. Inspector of Poisons and Pharmacy Acts.
" " "	John Stevens	R.S.I. Certificate, Meat Inspector's Cert.	Inspector under Shops Acts. Housing Inspector.
" " "	James Snailham	R.S.I. Certificate, Meat Inspector's Cert.	Special Tuberculosis Work.
" " "	Ernest Barton	R.S.I. Certificate, Meat Inspector's Cert.	General District Work.
" " "	Wm. H. Molyneaux	R.S.I. Certificate and Meat Certificate.	General District Work.



PUBLIC HEALTH STAFF—*continued.*

Office Held.	Name.	Qualifications.	Other Offices Held.
<i>(b) Others (continued).</i>			
Sanitary Inspector .....	Robert L. Winstanley....	R.S.I. Certificate and R.S.I. Meat Cert.	General District Work
" " .....	Bezley Trepass... ..	R.S.I. Certificate .....	General District Work
" " .....	William Hunt ....	R.S.I. Certificate, R.S.I. Meat Cert.	Infectious Diseases Work
Vaccination Officer ....	A. E. Price .....		Part time.
Matron of Isolation Hospital	Miss N. Roberts ....	General Trained, Fever Trained, State Regis- tered T.B. Cert. ....	
Matron of Borough General Hospital	Miss C. M. Hannen ....	General Trained, C.M.B. Certificate, State Registered Nurse, F.B.C.N. ....	
Matron of Hefferston Grange, Sanatorium, Weaverham	Miss E. F. Yaxley ....	Tuberculosis and Fever Trained	
Maternity Home .....	Miss M. Morris .....	General Trained C.M.B. Cert. ....	
Steward, Borough Gen- eral Hospital	A. F. Pidgeon, .....	A.C.C.S.	
Inspector of Midwives....	Miss Knott ....	C.M.B. Cert., R.S.I. Cert.	Also Health Visitor.
Health Visitor .....	Miss Barlow ....	C.M.B. Cert., R.S.I. Cert.	—
" " .....	Miss Cawley .....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
" " .....	Miss Sampson .....	General Training, C.M.B. Cert. ....	—
" " .....	Miss Smith .....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
" " .....	Miss G. M. Owen .....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
Tuberculosis Nurse .....	Miss Pettie ....	R.S.I. Certificate .....	
School Nurse ... ..	Miss Brown .....	General Certificate .....	
" " .....	Miss Griffith ....	General Certificate, Hygiene Cert. (Queen's)	
" " .....	Miss Wright ....	General Certificate Fever Trained	
" " .....	Miss Coventry....	General Cert. S.R.N., State Cert. Midwife, H.Vs. Cert. R.S.I. Children's Nurse Cert.	
" " .....	Miss Fletcher ....	General Certificate, S.R.N., Fever Nurse, S.R., C.M.B., Cert. R.M.P.A.	
Dental Attendant....	Miss Osborne ....		
Clerks .....	Wm. Lawless ....		Chief Clerk.
" .....	Wm. Knowles ....		Accounts and Stores Clerk.
" .....	Miss V. Derryhouse....		Typist.
" .....	Miss M. Jones .....		Clerk (M. & C.W.)
" .....	Ernest Tarbuck .....		Clerk.
" .....	Harold Plinston .....		"
" .....	David Rustage ... ..		" T.B. Dispensary.
" .....	John Fitchett .....		Junior Clerk.

*To the Chairman and Members of the  
Health Committee.*

Gentlemen,

I have the honour to submit the Annual Report on the Health Services and Sanitary Circumstances of the Borough for the year 1939.

The Minister of Health considers that an interim report only should be made for the year 1939, the report being confined to essential and urgent matters which have affected the public health during the year. Therefore, this report is a brief statement of the chief vital statistics ; the work of the Maternity and Child Welfare Departments ; the cases treated in the various Hospitals ; the prevalence of Infectious Diseases ; Sanitary Administration, and Housing.

The necessity for the curtailment is the increased pressure of work in the public health departments of local authorities and the need for strict economy in the use of paper. Records, however, will be carefully preserved in order that after the termination of the war the full particulars for the year 1939 can be embodied in the report then issued so that the series of annual records may be continuous and complete.

Upon the completion of the new Nurses' Home and the very considerable alterations and extensions at the Borough General Hospital, their Royal Highnesses the Duke and Duchess of Kent accepted an invitation to perform the opening ceremony which took place on the 6th July.

The function was attended by a large and appreciative audience, to whom the new building was opened for inspection.

The new wards and operating theatres, which are supplied with the most modern equipment and apparatus, have in use given the utmost satisfaction.

I have to thank my staff at the Health Department and in the various Corporation Hospitals for their loyal support and to offer my sincere thanks to the Chairman, Deputy Chairman and Members of the Health Committee for their generous support and guidance. To all other Corporation officials I wish to express my appreciation for their constant courtesy and consideration.

I have the honour to be,

Your obedient Servant,

STUART F. ALLISON,

Health Department,  
Sankey Street, Warrington.

*Medical Officer of Health.*

## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

**SOCIAL CONDITIONS.**—Warrington is mainly an industrial town, and owing to the variety of manufactures carried on, *e.g.*, wire, iron and steel, chemicals, soap, cotton, glass, brewing, tanning, etc., does not suffer from unemployment to the same extent as some of the other Lancashire County Boroughs.

### INSURED PERSONS.

The number of insured persons in the Borough entitled to Medical Benefit on the 1st January, 1940, was 39,308, for which information I am indebted to Mr. Alfred Tilling (Clerk to the Warrington Insurance Committee).

### VITAL STATISTICS.

Area .....	4532	acres
Population (Census 1931) .....	79322	
„ (R.G. 1939) .....	78090*	
Number of separate dwellings occupied (1931).....	17341	
Number of families or separate occupiers (1931) .....	18474	
Rateable value (1st April, 1939) .....	£408044	

		Total	M.	F.	
Live Births {	Legitimate ....	1255	629	626	} Birth Rate 16.5
	Illegitimate ....	37	18	19	
Still Births.....	64	Rate per 1000 total births.....			49.4
Deaths.....	864	Death Rate (Areal comparability Factor)....			13.3
Percentage of total deaths occurring in Public Institutions.....					46
Number of women dying in, or in con- ) from sepsis .....					Nil
					sequence of, childbirth..... ) from other causes .....
Deaths of Infants under One year of age per 1000 live births.....					53.4
Legitimate	67 ;	Illegitimate 2.	Total .....	69	
Deaths from Measles (All ages) .....					Nil
„	„	Whooping Cough (All ages) .....			4
„	„	Diarrhœa (under 2 years of age) .....			6

\*R.G. Population for Birth Rate = 78090.

\*R.G. Population for Death Rate = 77350.



POPULATION.—The Registrar-General's estimate for the mid-year 1939, was 78,090 (compared with the 1931 Census figures of 79,322), and last year's estimate of 78,140.

BIRTHS.—There were 1,438 births registered of children born in this borough in 1939; 218 births belonged to parents resident outside Warrington, while 72 children were born outside the borough to parents resident within.

Deducting the 218 births from the total registered, 1,438, and adding the 72 births, we have accredited to Warrington 1,292 births (647 males and 645 females).

The birth-rate for Warrington per 1,000 living of the population was 16.5 in 1939, compared with 16.4 in 1938, and 15.0 for England and Wales as a whole.

The total number of illegitimate births was 37 (18 males, 19 females), compared with 38 births in 1938.

MARRIAGES.—There were 848 marriages during the year, the rate per 1,000 of population being 10.8. In 1938 there were 851 marriages, giving a rate of 10.9.

DEATHS.—969 deaths were registered as occurring in the Borough during 1939. Of these, however, 157 were non-residents. During the same period, 52 deaths have been reported as having occurred outside the district of persons usually resident in Warrington. Adding these and deducting the non-residents we have a total of 864 deaths accredited to Warrington for 1939, compared with 873 in 1938.

This gives us a death-rate of 11.1 per 1,000 persons living during 1939, compared with 11.1 in 1938 and 12.5 in 1937.

The death-rate for England and Wales was 12.1; for the 126 County Boroughs and Great Towns 12.0; and for London 11.9.

Local adjusted death rate for Warrington 13.3.

Table comparing the Vital Statistics of Warrington with the average for the County Boroughs and for England and Wales as a whole.  
(The mortality rates for England and Wales refer to the whole population but for London and the towns to civilians only.)

	Rate per 1,000 Total Population		Annual Death-rate per 1,000 Population.								Rate per 1,000 Live Births.	
	Live Births.	Still-births.	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales .....	15.0	0.59	12.1	0.00	—	0.01	0.01	0.03	0.05	0.21	4.6	50
126 County Boroughs and Great Towns, including London .....	14.8	0.59	12.0	—	—	0.01	0.00	0.03	0.05	0.19	6.3	53
148 Smaller Towns (Estimated Populations, 25,000—50,000) at census 1931	15.6	0.57	11.2	0.00	0.00	0.01	0.00	0.02	0.04	0.21	3.0	40
London .....	12.3	0.44	11.9	0.00	—	0.00	0.00	0.03	0.02	0.18	8.2	48
Warrington .....	16.5	0.81	11.1	0.00	—	0.00	0.01	0.05	0.06	0.06	4.6	53

The maternal mortality rates for England and Wales are as follows :

per 1,000 Live Births...
Total Births ...

County Borough of Warrington :

per 1,000 Live Births...
Total Births...

Puerperal Sepsis.
Others.
Total.

# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE COUNTY BOROUGH OF WARRINGTON.

CAUSES OF DEATH	Sex	All Ages	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
ALL CAUSES .....	M	460	41	2	8	4	19	13	36	57	93	115	73
	F	404	28	7	5	12	19	16	22	37	72	100	86
1 Typhoid and para- typhoid fevers .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet fever .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	1	...	...	...	...	...	...	...
4 Whooping Cough .....	M	2	1	1	...	1	...	...	...	...	...	...	...
	F	2	...	...	1	1	...	...	...	...	...	...	...
5 Diphtheria .....	M	2	...	...	2	...	...	...	...	...	...	...	...
	F	3	...	...	1	1	1	...	...	...	...	...	...
6 Influenza .....	M	10	1	...	...	...	1	...	1	1	3	3	...
	F	15	...	1	...	...	1	...	1	...	6	3	3
7 Encephalitis lethargica	M	2	...	...	...	...	...	...	1	...	...	1	...
	F	1	...	...	...	...	...	...	...	1	...	...	...
8 Cerebro-spinal fever ...	M	2	...	...	...	...	1	...	...	1	...	...	...
	F	1	...	1	...	...	...	...	...	...	...	...	...
9 Tuberculosis of respiratory system ...	M	33	...	...	...	...	3	3	6	6	9	5	1
	F	23	...	1	...	2	8	2	4	2	3	1	...
10 Other tuberculous diseases .....	M	4	...	...	...	...	2	...	1	1	...	...	...
	F	2	...	...	...	...	...	...	1	...	...	1	...
11 Syphilis .....	M	1	...	...	...	...	...	...	...	...	1	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
12 General paralysis of the insane, tabes dorsalis	M	2	...	...	...	...	...	...	...	1	1	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, malignant disease .....	M	58	...	...	...	...	...	1	6	8	17	21	5
	F	50	...	...	...	...	1	1	6	8	19	17	7
14 Diabetes .....	M	6	...	...	...	...	...	...	...	...	2	3	1
	F	10	...	...	...	...	...	...	...	1	2	5	2
15 Cerebral hæmorrhage, etc. ....	M	14	...	...	...	...	...	...	...	6	2	5	1
	F	24	...	...	...	...	...	...	...	4	6	7	7
16 Heart disease .....	M	128	...	...	...	...	3	4	3	15	30	40	33
	F	112	...	...	...	1	5	3	5	9	21	35	33
17 Aneurysm .....	M	2	...	...	...	...	...	...	...	...	...	1	1
	F	...	...	...	...	...	...	...	...	...	...	...	...
18 Other circulatory diseases .....	M	9	...	...	...	...	...	...	...	1	1	2	5
	F	11	...	...	...	...	...	...	...	...	2	4	5
19 Bronchitis .....	M	21	2	...	...	...	...	...	1	...	7	8	3
	F	14	...	...	1	...	...	...	...	...	3	4	6
20 Pneumonia (all forms) ..	M	27	7	1	2	1	...	...	7	5	2	1	1
	F	25	6	2	1	3	2	3	2	1	2	3	...
21 Other respiratory diseases .....	M	6	...	...	1	...	...	...	1	...	1	3	...
	F	7	...	...	...	...	...	...	...	1	...	4	2
22 Peptic ulcer .....	M	12	...	...	...	...	...	1	2	5	2	1	1
	F	...	...	...	...	...	...	...	...	...	...	...	...
23 Diarrhœa, etc. ....	M	4	3	...	...	...	...	...	...	1	...	...	...
	F	4	3	...	...	...	...	...	...	...	1	...	...
24 Appendicitis .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	2	...	...	1	...	...	...	...	...	...	1	...
25 Cirrhosis of liver .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	...	...	...	1	...	...	...
26 Other diseases of liver, etc. ....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
27 Other digestive diseases	M	1	...	...	...	...	...	...	...	...	...	...	1
	F	4	...	...	...	...	...	...	...	1	1	2	...
28 Acute and chronic nephritis .....	M	9	...	...	...	...	...	...	1	2	4	2	...
	F	10	...	...	...	1	1	...	...	4	2	2	...
29 Puerperal sepsis .....	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
30 Other puerperal causes	M	4	...	...	...	...	...	3	1	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
31 Congenital debility, premature birth, malformations, etc.	M	24	24	...	...	...	...	...	...	...	...	...	...
	F	19	19	...	...	...	...	...	...	...	...	...	...
32 Senility .....	M	17	...	...	...	...	...	...	...	...	...	2	15
	F	14	...	...	...	...	...	...	...	...	...	...	14
33 Suicide .....	M	5	...	...	...	...	...	1	1	1	1	1	...
	F	1	...	...	...	...	...	1	...	...	...	...	...
34 Other violence .....	M	25	1	...	2	3	4	1	2	...	6	5	1
	F	5	...	1	...	...	...	...	...	...	2	1	1
35 Other defined diseases	M	28	2	...	1	...	3	1	2	2	3	11	3
	F	35	...	1	...	2	...	3	1	4	10	10	4
36 Causes ill-defined, or unknown .....	M	6	...	...	...	...	1	1	1	1	1	...	1
	F	4	...	...	...	...	...	...	1	...	1	...	2



## ROAD DEATHS, 1939.

Fatalities on the highways of this country reach such a large total every year that the problem of prevention has necessarily become very prominent. The following are the figures relative to Warrington—

	Warrington residents killed in Borough.	Warrington residents killed outside Borough.	Residents belonging to outside killed in Warrington.
Under 1 year .....	—	—	—
1 to 2 years .....	—	—	—
2 to 5 years .....	2	—	—
5 to 15 years .....	1	—	—
15 to 25 years .....	—	1	1
25 to 35 years .....	—	—	—
35 to 45 years .....	—	1	1
45 to 55 years .....	1	—	—
55 to 65 years .....	—	—	1
65 to 75 years .....	2	—	—
	<hr/> 6 <hr/>	<hr/> 2 <hr/>	<hr/> 3 <hr/>

## SUMMARY OF BACTERIOLOGICAL WORK FOR THE YEAR, 1939.

3254 specimens were examined at the Health Department, Laboratory, Sankey Street (for various infectious diseases).

395 specimens of sputum submitted for examination in connection with tuberculosis cases.

21 specimens examined for diagnosis of Pinworm.

61 Pathological specimens were examined at the following laboratories (Warrington Infirmary, Public Health Laboratory Liverpool, Liverpool University Laboratory, and the Public Health Laboratory, Manchester).

91 Bacteriological examinations of samples of Water, Milk and Foodstuffs at the Public Health Laboratory, Manchester.

## DISTRICT MEDICAL SERVICES.

No. of patients attended :—

Period ending 31st March, 1939 ....	901
30th June, 1939 ....	769
30th September, 1939 .....	594
31st December, 1939 .....	548
Payment to doctors for service ....	£488 13s. 6d.
Payment to Chemists for dispensing ..	£544 16s. 6d.



## MATERNITY AND CHILD WELFARE.

### SUMMARY OF WORK CARRIED OUT DURING THE YEAR, 1939.

1521 births were notified to the Medical Officer of Health of children born in Warrington, to comply with the provisions of the Public Health Act, 1936 against 1527 in 1938.

1292 of the notified births were of children born to persons resident in Warrington.

10671 visits were paid by the Health Visitors to the homes of children under 5 years of age, and nursing and expectant mothers.

143 Visits were made to the homes of Boarded-Out Children.

60 Visits were made to the homes of children Out to Nurse.

152 Visits were made to the homes of Illegitimate Children.

942 mothers attended at the Ante-Natal Clinic and 128 at the Post-Natal Clinic.

★ 888 maternity cases were admitted during the year :—

Borough General Hospital	....	....	....	448
--------------------------	------	------	------	-----

Maternity Home	....	....	....	440
----------------	------	------	------	-----

765 maternity cases were attended in their own homes.

15347 attendances by nursing or expectant mothers were paid to the five Consultation Centres.

8522 attendances of Infants and 9705 attendances of children 1—5 years were made at the Consultation Centres.

4 Maternal deaths in 1939 (Puerperal Sepsis—nil ; Other causes 4) —In year 1938—4 deaths.

69 deaths of infants (under 1 year) in 1939 (93 infant deaths 1938).

53 Infantile mortality rate per 1000 births (72 in 1938).

22 deaths of children between ages 1 to 5 ; in 1938 45 deaths.

375 children examined at the Consultation Centre by the Medical Officer were found to have defects requiring attention.

161 children under 5 years of age were treated in the Orthopædic Clinic : 152 in 1938.

57 Ailing Babies were treated at Aikin Street Hospital during 1939.

734 children were successfully vaccinated during the year.

---

★This figure includes cases from other areas which were confined in our Hospital.

## 6.—HOSPITALS.

List of the Hospitals and number of beds provided and cases admitted during 1939 :—

	<i>Cases Admitted.</i>
(i) Warrington Infirmary (117 beds) ....	2398
(ii) Borough General Hospital (285 beds) ....	2439
(iii) Isolation Hospital (131 beds) ....	333
(iv) Hefferston Grange Sanatorium (80 beds) ....	198
(v) Maternity Home (20 beds) ....	440
(vi) Smallpox Hospital (22 beds) ....	Nil
(vii) Specialist Services (Described in 1932 Report).	

## OUT-PATIENT CLINICS. CASES TREATED DURING 1939.

	<i>Cases attended.</i>
Warrington Infirmary ....	17059
(Includes Orthopædic cases and Accident and Emergency Cases).	
Brorough General Hospital ....	10461
(Includes Orthopædic Cases, Ante-Natal Cases, and persons attending at daily session for X-ray).	
Ante-Natal Clinics :	
Number of attendances at the Health Office Clinic	2627
Number of attendances at the Maternity Home Clinic (Number of mothers who attended at the clinics 942)	285
Tuberculosis Dispensary (attendances for examination, etc.) ....	939
Venereal Disease Clinics ....	411
Number of attendances for attention of the Medical Officer ....	4591
Number of attendances for intermediate treatment ....	11988

## INFECTIOUS DISEASES.

The number of cases of notifiable infectious diseases and the deaths therefrom, together with the numbers treated at Aikin Street Hospital are given in the Appendix (page 17).

There were altogether 130 deaths from notifiable infectious diseases in 1939 compared with 144 in the previous year (includes whooping cough). The total number of visits paid by the Sanitary Inspectors to homes where cases of infectious disease had occurred was 5957.

### VACCINATION.

734 children were successfully vaccinated during the year 1939 compared with 640 in 1938 and 861 in 1937.

### CANCER.

77 cases were admitted to the Council's Hospitals during the year. 71 of these cases had not received previous advice or treatment. 9 cases were provided with advice or treatment at another hospital under arrangements made by the Council.

### VENEREAL DISEASES.

The Clinical Officer of the Treatment Centre, Dr. Ellis Pigott, reports that the cases dealt with in 1939 were as follows:—

The total persons attending Clinic:—

	1939	1938
Syphilis .....	133	138
Soft Chancre .....	—	—
Gonorrhœa .....	245	239
Conditions other than Venereal .....	33	30
	<hr/> 411	<hr/> 407

The number of attendances for individual attention of the

Medical Officer ..... 4591

The number of attendances for intermediate treatment .... 11988

### GENERAL SANITARY WORK.

The visits paid by the Sanitary Inspectors during the year were as follows:—

To deal with property, nuisances, etc. ....	5531
To deal with cases of infectious disease ....	4615
To deal with cases of tuberculosis .....	1342

Out of a total number of nuisances found 1870 or 91.8% were abated.

The work under the Shops Act has been very varied, due to war conditions.

The shopkeepers for safety have closed their shops much earlier than the fixed closing hours.



### FACTORIES.

The Factory Act of 1937 which came into force on the 1st July, 1938, abolished the terms:—workshops, textile, and non-textile factories, and the term “factory” is provided for all classes.

More female labour is being employed and consequently alteration in the factories have been taken in hand to comply with the Welfare Regulations of the Act.

1431 visits were paid by the Sanitary Inspector to premises to ascertain that the provisions of the Factory Act, 1938, were being carried out from a health standpoint.

### HOUSING.

The outbreak of war curtailed the building of houses by local authorities. In this borough the housing programme for Slum Clearance had almost been completed. By the end of the year, 1939, the Council had condemned and caused to be demolished 1074 insanitary houses. 4498 displaced persons had been rehoused mainly in houses erected by the local authority.

There still remains a large number of overcrowded houses to be dealt with when the opportunity presents itself.

### INSPECTION AND SUPERVISION OF FOOD. SUMMARY FOR YEAR 1939.

#### Milk Supply :—

- 471 Inspections were made of milkshops and shops where bottled milk is sold.
- 44 Inspections were made of 8 cowsheds within the town.
- 79 Samples of milk were submitted for Bacteriological Examination.
- 6 Samples of milk were found to contain Tubercle Bacilli, of these 5 samples were from cows kept on premises outside the borough and one from premises within this borough.

#### Meat Supply :—

- 1039 visits were paid by the Sanitary Inspector to the 9 slaughter-houses in Warrington.
- 272 visits were paid to Butchers' shops.
- 393 Visits were paid to premises where Potted Meat, Sausages, &c., are prepared.
- 40 Visits were paid to the three Tripe Boiler premises.



Condemned Food:—Beef Carcases 75 cwts., Beast Offals 16 cwts., Sheep Carcases and Offal  $3\frac{3}{4}$  cwts., Pig Carcases and Offal  $17\frac{1}{2}$  cwts., Imported Beef and Offal 3 cwts., Fish and Poultry 8 cwts., Tinned Meat and Paste 28 tins, Fruit 9 tins.

Food and Drugs Acts, 1928—1938.

169 samples were submitted to the Public Analyst during the year 1939. The samples included 18 principal varieties of foods.

13 samples of Milk failed to satisfy the requirements of the Regulations, nine were deficient in none fatty solids only. Further elaborate analytical investigations proved that the deficiencies in nine samples were due to natural causes. Further samples were taken from the producers supply in the four remaining samples. These all contained more than the legal minimum of fat.

1 sample of Lard and 1 sample of Shredded Suet were reported not satisfactory. Further samples were reported to be genuine.

### WELFARE OF THE DEAF AND DUMB.

There are 51 cases on the register of the Warrington and District Deaf and Dumb Society. The Institute for the Deaf is at 13, Wilson Patten Street.

There are 26 males and 25 females. 3 of the males are not employed, due to old age or defective sight. 6 of the females are employed at work outside their homes, and the remainder are carrying out home duties.

### WELFARE OF THE BLIND.

Prevention of Blindness.

14 children attended the partially-sighted class at Evelyn Street School. The children are examined at least once each quarter by Dr. O. N. Duthie, eye specialist. The Warrington and District Society for the Blind co-operate with the Health Department in assisting persons with defective vision with a view to preventing total blindness. The society express great appreciation for the work carried out by Dr. Duthie.

Certification of Blindness.

During 1939 16 new cases were registered and 4 additional cases were moved into Warrington Borough, 15 blind persons died, 3 cases removed to residences outside the borough, and 6 cases were de-certified. At the end of the year there were 196 registered blind persons in Warrington, a decrease of 4 cases on the previous year. Of the 196 blind persons 8 are in training, 30 employed in the Society's workshop, 5 persons are working elsewhere, 4 home workers, 5 trained but unemployed, 140 unemployed, and 4 of school age.

## NOTIFICATION OF INFECTIOUS DISEASE, 1939.

Disease.	Under 1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 & over	Total	No. of Cases Re- moved to Hos- pital.
Scarlet Fever .....	2	3	15	27	34	188	56	19	9	—	2	—	355	139
Diphtheria .....	3	4	4	5	9	38	22	9	11	—	1	—	106	102
Measles .....	10	8	8	8	7	2	—	—	—	—	—	—	43	1
Pneumonia .....	16	14	5	14	2	16	9	9	23	29	38	11	186	3
*Whooping Cough .....	—	—	—	2	1	—	2	—	—	—	—	—	5	—
Erysipelas .....	—	—	—	—	—	1	2	—	5	7	8	5	28	5
Puerperal Pyrexia .....	—	—	—	—	—	—	—	—	9	1	—	—	10	10
Poliomylitis .....	—	—	—	—	—	—	—	—	1	—	—	—	1	1
Cerebro-Spinal Meningitis .....	—	—	—	—	—	—	—	—	1	—	—	—	1	1
Encephalitis Lethargica .....	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Ophthalmia Neonatorum .....	4	—	—	—	—	—	—	—	—	—	—	—	4	1
Typhoid Fever .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Encephalitis .....	—	—	—	—	—	1	—	—	1	—	—	—	1	1
Tuberculosis Pulmonary .....	Under 1 year	1-5 years	5-10 years	10-15 years	15-20 years	20-25 years	25-35 years	35-45 years	45-55 years	55-65 years	65 & over	—	—	264
Tuberculosis Non-Pulmonary .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\*Notifiable since 23rd October, 1939.